

Calendar of Events

April 2004

APRIL 14-17

ICEIS 2004—Sixth International Conference on Enterprise Information Systems. Porto, Portugal

- **Contact:**
Vitor Pedrosa
ICEIS Departamento de Sistemas e Informatica
Campus do Instituto Politecnico de Setbal, Estefanilha
Setbal 2910-761 Portugal
Voice: 351-265 790 000
E-mail: secretariat@iceis.org
URL: www.iceis.org

APRIL 17-18

Fifteenth Midwest Artificial Intelligence and Cognitive Science Conference (MAICS). Chicago, IL

- **Sponsors:**
College of Arts and Sciences and the School of Computer Science and Telecommunications, Roosevelt Univ.
- **Contact:**
Eric Berkowitz
Roosevelt University, School of Computer Science and Telecommunications
1400 North Roosevelt Boulevard,
Schaumburg, IL 60173 USA
Voice: 847-619-7300
E-mail: conferences@maics.us
URL: www.maics.us/index.htm

APRIL 22-24

SIAM Workshop on Data Mining in Resource Constrained Environments. Lake Buena Vista, FL

- **Sponsor:**
Society of Industrial and Applied Mathematics
- **Contact:**
Ashok N. Srivastava
NASA Ames Research Center
Computer Science Division
Mail Stop 269-4
Moffett Field, CA 94035 USA
Voice: 650-2793619
E-mail: ashok@email.arc.nasa.gov
URL: ic.arc.nasa.gov/siam

May 2004

MAY 17-19

Seventeenth International FLAIRS Conference (FLAIRS-04). Miami, FL

- **Sponsor:**
FLAIRS, in cooperation with AAAI
- **Contact:**
Ingrid Russell
Department of Computer Science
Dana 230
University of Hartford
West Hartford, CT 06117 USA
E-mail: irussell@hartford.edu
URL: www.flairs.com

MAY 17-19

The Seventeenth Canadian Conference on Artificial Intelligence. London, ON Canada

- **Sponsors:**
Canadian Society for Computational Studies of Intelligence (CSCSI), National Research Council
- **Contact:**
Ahmed Tawfik and Scott Goodwin
University of Windsor
School of Computer Science
401 Sunset Avenue
Windsor, ON, N9B 3P4
Canada
Voice: 519-253 3000
Fax: 519-973 7093
E-mail: ai04@cs.uwindsor.ca
URL: cs.uwindsor.ca/~ai04/May 17-19

MAY 17-20

Intelligent Information Systems 2004: New Trends in Intelligent Information Processing and Web Mining. Zakopane, Poland

- **Contact:**
Krzysztof Trojanowski
Institute of Computer Science
Polish Academy of Sciences
ul. Ordona 21,
Warsaw 01-237
Poland
Voice: +4822-8362841
E-mail: iipwm@ipipan.waw.pl
URL: iipwm.ipipan.waw.pl

MAY 17-20

The Seventeenth International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems (IEA/AIE-2004). Ottawa, ON, Canada

- **Sponsors:**
International Society of Applied Intelligence, National Research Council of Canada
- **Contact:**
Bob Orchard
National Research Council of Canada
IIT, 1500 Montreal Road
Ottawa, ON K1A 0R6 Canada
Voice: 613-993-8557
Fax: 613-993-7250
E-mail: iea2004aie@nrc-cnrc.gc.ca
URL: www.iea-aie2004.org

June 2004

JUNE 3-7

International Conference on Automated Planning and Scheduling (ICAPS) 2004. Whistler, BC, Canada

- **Sponsors:**
AAAI, European Network of Excellence in AI Planning
- **Contact:**
Richard Goodwin
IBM Research
19 Skyline Dr.
Hawthorne, NY 10532 USA
Voice: 914 -784-7608
E-mail: rgoodwin@us.ibm.com
URL: icaps04.icaps-conference.org

JUNE 25-26

World Computer Chess Chess Tournament. 2004 Tainan, Taiwan

- **Sponsors:**
Taiwanese Association for Artificial Intelligence, NCKU, TAIWAN, CJU, Taiwan
- **Contact:**
Chao-Lin Liu
Taiwanese Association for Artificial Intelligence, Department of Computer Science, National Chengchi University
64 Sec. 2 Chih-Nan Road
Wen-Shan, Taipei 11605 Taiwan
Voice: 8862-29387511
Fax: 8862-22341494
E-mail: chaolin@nccu.edu.tw
URL: www.taai.org.tw/announce/cchess04.pdf

JUNE 28-JULY 1

The Seventh International Conference on Information Fusion. Stockholm, Sweden

- **Sponsor:**
International Society of Information Fusion
- **Contact:**
Johan Walter
Swedish Defence Research Agency
Department of Data and Information Fusion Enkopingsvegen 126
Stockholm SE-172 90 Sweden
Voice: +46 8-5550 3678
Fax: +46 8-5550 3686
E-mail: fusion2004@foi.se
URL: www.fusion2004.org

July 2004

JULY 19–21 International Conference on Design Computing and Cognition (DCC'04). Cambridge, MA

- **Sponsors:**
Key Centre of Design Computing and Cognition, University of Sydney;
School of Architecture and Planning, Massachusetts Institute of Technology
- **Contact:**
John Gero
Key Centre of Design Computing and Cognition, University of Sydney
Wilkinson Building (G04)
Sydney NSW 2008 Australia
Voice: 61-2 9351 4766
Fax: 61-2 9351 3031
E-mail: adong@arch.usyd.edu.au
URL: www.arch.usyd.edu.au/kcdc/conferences/dcc04/

JULY 19–23 International Conference on Knowledge Engineering and Decision Support (ICKEDS 2004). Porto, Portugal

- **Contact:**
Carlos Ramos
Institute of Engineering—Polytechnic of Porto (ISEP/IPP)
GECAD—Knowledge Engineering and Decision Support Research Group
Rua Dr. Antonio Bernardino Almeida
431 Porto 4200-072, Portugal
Voice: 351-228340528
Fax: 351-228321159
E-mail: csr@dei.isep.ipp.pt
URL: www.gecad.isep.ipp.pt/ICKEDS04/

JULY 22–24 VR'04—Visual and Spatial Reasoning in Design. MIT, Cambridge, MA

- **Sponsors:**
Key Centre of Design Computing and Cognition, University of Sydney;
Department of Psychology, Stanford University, Dept. of Architecture, MIT

- **Contact:**
Julie Jupp
University of Sydney
Key Centre of Design Computing and Cognition, 148 City Road
Chippendale, Sydney, NSW 2006 Australia
Voice: 61-2 93512051
E-mail: vr04@arch.usyd.edu.au
URL: www.arch.usyd.edu.au/kcdc/conferences/vr04/

JULY 25–29 Nineteenth National Conference on Artificial Intelligence. San Jose, CA

- **Sponsor:**
American Association for Artificial Intelligence
- **Contact:**
Conference Coordinator
American Association for Artificial Intelligence, AAAI-04
445 Burgess Drive, Suite 100
Menlo Park, CA 94025 USA
Voice: 650-328-3123
Fax: 650-321-4457
E-mail: www.aaai.org/Organization/contact.html
URL: www.aaai.org/Conferences/National/2004/aaai04.html

JULY 25–29 Sixteenth Innovative Applications of Artificial Intelligence Conference. San Jose, CA

- **Sponsor:**
American Association for Artificial Intelligence
- **Contact:**
Conference Coordinator
American Association for Artificial Intelligence, IAAI-04
445 Burgess Drive, Suite 100
Menlo Park, CA 94025 USA
Voice: 650-328-3123
Fax: 650-321-4457
E-mail: www.aaai.org/Organization/contact.html
URL: www.aaai.org/Conferences/IAAI/2004/iaai04.html

JULY 30—AUGUST 1 First Conference on Email and Anti-Spam (CEAS). Mountain View, CA

- **Paper Submission Deadline:**
April 16, 2004
- **Contact:**
David Heckerman
Microsoft Research,
One Microsoft Way,
Redmond, WA 98008 USA
Voice: 425-706 2662
E-mail: information@ceas.cc
URL: www.ceas.cc

August 2004

AUGUST 2 Modeling Decisions for Artificial Intelligence. Barcelona, Catalonia, Spain

- **Sponsors:**
European Society for Fuzzy Logic and Technology, Japan Society for Fuzzy Theory and intelligent informatics, Catalan Society for Artificial Intelligence
- **Paper Submission Deadline:**
March 1, 2004
- **Contact:**
Vicenc Torra
IIIA-CSIC, Campus UAB s/n
Bellaterra, Catalonia 08193 Spain
Voice: +34-935809570
E-mail: mdai@iiia.csic.es
URL: www.iiia.csic.es/~vtorra/mdai/A

AUGUST 9–13 Eighth Pacific Rim International Conference on Artificial Intelligence (PRICAI 2004). Auckland, New Zealand

- **Sponsors:**
Auckland University of Technology, University of Auckland
- **Contact:**
Wai Yeap
Auckland University of Technology
Institute for Information Technology Research
PO Box 12397, Penrose
Auckland 1135
New Zealand
Voice: 0064-9--917 9565
Fax: 0064-9--917 9501
E-mail: wai.yeap@aut.ac.nz
URL: www.pricai04.info

AUGUST 24–26 Performance Metrics for Intelligent Systems. Gaithersburg, MD USA

- **Sponsors:**
National Institute of Standards and Technology, DARPA
- **Paper Submission Deadline:**
May 1, 2004
- **Contact:**
Elena Messina
National Institute of Standards and Technology
Intelligent Systems Division
100 Bureau Drive MS 8230
Gaithersburg, MD 20899-8230
Voice: 301-975-3510
Fax: 301-990-9688
E-mail: elena.messina@nist.gov
URL: isd.mel.nist.gov/PerMIS_2004

AUGUST 25–27

Fifth International Conference on Intelligent Data Engineering and Automated Learning. Exeter, UK■ *Sponsors:*

EPSRC, Exeter University, Springer

■ *Contact:*

IDEAL 2004 Secretariat
 Department of Computer Science
 Harrison Building, Exeter University
 Exeter EX4 4QF UK
 Voice: +44 -(0) 1392 264045
 Fax: +44 (0)-1392 264067
 E-mail: ideal04@exeter.ac.uk
 URL: www.dcs.ex.ac.uk/ideal04

AUGUST 25–28

International Conference on Informatics in Control, Automation, and Robotics (ICINCO 2004). Setubal, Portugal■ *Contact:*

ICINCO Secretariat
 Escola Superior de Tecnologia de Setubal / Campus do IPS
 Departamento Sistemas e Informatica
 Rua Vale Chaves, Estefanilha
 Setubal 2914-508 Portugal
 Voice: +351-265 790 000
 Fax: +351-265 721 869
 E-mail: secretariat@icinco.org
 URL: www.icinco.org

AUGUST 28

Psycho-computational Models of Human Language Acquisition. Geneva, Switzerland■ *Sponsors:*

COLING, ACL

■ *Contact:*

William Gregory Sakas
 City University of New York
 Linguistics and Computer Science
 695 Park Ave, New York, NY 10021
 Voice: 212-772-5211
 Fax: 212-772-5219
 E-mail: sakas@hunter.cuny.edu

September 2004

SEPTEMBER 1–2

Computational Creativity Workshop on ECCBR04. Madrid, Spain■ *Paper Submission Deadline:*

May 7, 2004

■ *Contact:*

Francisco Pereira
 University of Coimbra
 Department of Informatics Engineering, Polo II, Pinhal de Marrocos,
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Voice: +351-239790053

Fax: +351-239701266

E-mail: creative-systems@dei.uc.pt

URL: creative-systems.dei.uc.pt/CC04

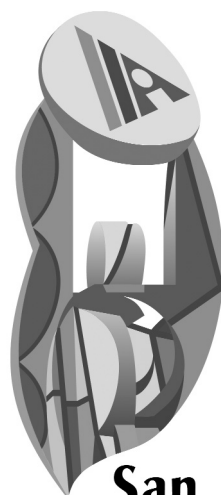
SEPTEMBER 1–3

The Eighth IASTED International Conference on Artificial Intelligence and Soft Computing (ASC 2004). Honolulu, HI USA■ *Sponsor:*

IASTED

■ *Paper Submission Deadline:*

May 1, 2004



AAAI-04 IAAI-04

San Jose, California

Nineteenth National Conference on Artificial Intelligence (AAAI-04)

25–29 July 2004

*Sponsored by the American Association for
Artificial Intelligence*

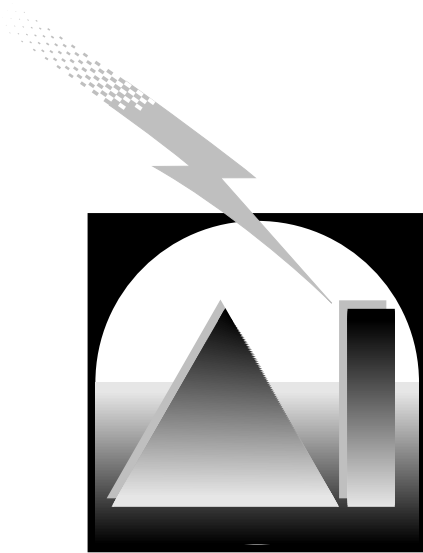
www.aaai.org/Conferences/National/2004/

■ *Contact:*

IASTED Secretariat, IASTED,
 #80, 4500 16 Ave. NW
 Calgary, AB T3B 0M6 Canada
 Voice: 403-288-1195
 Fax: 403-247-6851
 E-mail: calgary@iasted.org
 URL: www.iasted.org/conferences/2004/spain/asc.htm

SEPTEMBER 2–4

Second International Conference on Soft Methods in Probability and Statistics (SMPS 2004). Oviedo, Spain



Sixteenth Innovative Applications of Artificial Intelligence Conference

San Jose, California, 25–29 July 2004

*Sponsored by the American Association for
Artificial Intelligence*

www.aaai.org/Conferences/IAAI/2004/

- **Sponsors:**
SEIO, EUSFLAT, CajAstur, Neo-Metrics
- **Contact:**
Luis J. Rodriguez-Muniz
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Estadística e I.O. y D.M.,
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Oviedo 33007 Spain
Voice: 34-985103360
Fax: 34-985103356
E-mail: smips2004@correo.uniovi.es
URL: web.uniovi.es/SMPS

SEPTEMBER 13–15
**Knowledge Management International
Conference and Exhibition (KMICE
2004). Penang, Malaysia**

- **Contact:**
Norshuhada Shiratuddin
Universiti Utara Malaysia
School of Information Technology,
Sintok, Kedah 06010 Malaysia
Voice: 604-9284646
Fax: 604-9284753
E-mail: kmice04@uum.edu.my

URL: kmice.uum.edu.my/kmice04/

SEPTEMBER 13–16
**Third International Conference on
Artificial Immune Systems ICARIS
2004. Catania, Italy**

- **Sponsors:**
University of Catania, ARTIST
- **Paper Submission Deadline:**
April 15, 2004
- **Contact:**
Giuseppe Nicosia
University of Catania
Department of Mathematics
and Computer Science
V.le A. Doria 6,
Catania 95126 Italy
Voice: +39-095 7383074
Fax: +39-095 330094
E-mail: nicosia@dmi.unict.it
URL: www.artificial-immune-systems.org/ICARIS-2004/icaris2004.htm

SEPTEMBER 20–21
**ASAI 2004 - VI Argentine Symposium
on Artificial Intelligence. Cordoba,
Argentina**

- **Sponsors:**
The Argentine Society of Informatics
and Operations Research (SADIO),
- **Paper Submission Deadline:**
May 6, 2004
- **Contact:**
Alejandro Zunino
ISISTAN - UNICEN,
Facultad de Ciencias Exactas
Campus Universitario
Paraje Arroyo
Seco
Tandil
Buenos Aires 7000
Argentina
Voice: +54 2293-440363
Fax: +54 2293-440362
E-mail: azunino@exa.unicen.edu.ar
URL:
www.exa.unicen.edu.ar/~asai2004/

SEPTEMBER 20–22
Intelligent Systems. Chicago, IL

- **Sponsor:**
AIAA
- **Contact:**
K. Krishnakumar
NASA Ames
Intelligent Systems Group,
Moffett Field, CA 94035 USA
Voice: 703-264-7500 (AIAA)
E-mail: kalmanje.krishnakumar@nasa.gov
URL: www.aiaa.org/calendar/index.hfm?cal=1

ADVANCES IN KNOWLEDGE DISCOVERY AND DATA MINING

Usama M. Fayyad, Gregory Piatetsky-Shapiro,
Padhraic Smyth, and Ramasamy Uthurusamy
EDITORS

www.aaai.org/Press

SEPTEMBER 20–24

2004 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (IAT 2004). Beijing, P. R. China

- *Sponsors:*
IEEE Computer Society, Web Intelligence Consortium, ACM-SIGART
- *Contact:*
Ning Zhong
Department of
Information Engineering
Maebashi Institute of Technology
460-1 Kamisadori-Cho
Maebashi-City
Maebashi-City 371-0816
Japan
Voice: +8127-265-7366
E-mail: zhong@maebashi-it.ac.jp
URL: www.maebashi-it.org/IAT04/

SEPTEMBER 20–24

Twenty-Seventh German Conference on Artificial Intelligence (KI2004). Ulm, Germany

- *Sponsor:*
German Informatics Society (GI)
- *Contact:*
Susanne Biundo
University of Ulm
Department
of Artificial Intelligence
James-Franck-Ring
Ulm 89081
Germany
Voice: +49-731 5024121
Fax: +49-731 5024119
E-mail: ki2004@lists.uni-ulm.de
URL: ki2004.uni-ulm.de/

SEPTEMBER 27–OCTOBER 1

Tenth International Conference on Principles and Practice of Constraint Programming. Toronto, ON Canada

- *Sponsors:*
AAAI, Intelligent Information Systems Institute (Cornell), Parc Technologies
- *Paper Submission Deadline:*
April 16, 2004
- *Contact:*
Gilles Pesant
Ecole Polytechnique de Montreal
Computer Engineering
CP 6079 Succ.
Centre-ville
Montreal, QC H3C 3A7
Canada
Voice: 514-340-4711 ext 4142
Fax: 514-340-3240
E-mail: pesant@crt.umontreal.ca
URL: ai.uwaterloo.ca/~cp2004

SEPTEMBER 29–30

MATES 2004. Erfurt, Germany

- *Sponsors:*
GI (Gesellschaft fuer Informatik)
- *Paper Submission Deadline:*
May 21, 2004
- *Contact:*
Jorg Denzinger
University of Calgary,
Computer Science
2500 University Drive NW
Calgary, AB T2N 1N4
Canada
Voice: 403-220-5574
Fax: 403-284-4707
E-mail: denzinge@cpsc.ucalgary.ca
URL: www.tzi.de/MATES04/
mates04.php

October 2004

OCTOBER 2–5

Seventh International Conference on Discovery Science. Padova, Italy

- *Sponsors:*
University of Padova,
Yokohama National University,
Research Institute on
High Performance Computing and
Networking of the Italian National Research Council (ICAR-CNR)
- *Paper Submission Deadline:*
May 22, 2004
- *Contact:*
Einoshin Suzuki
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Fax: +81-45-339-4148
E-mail: suzuki@ynu.ac.jp
URL: www.slab.dnj.ynu.ac.jp/DS04/

OCTOBER 2–8

Dialogues 2004. Padova, Italy

- *Paper Submission Deadline:*
May 22, 2004
- *Contact:*
Massimo Melucci
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URL: thepadovialogues.dei.unipd.it/

OCTOBER 21–24

AAAI Fall Symposium Series. Crystal City, VA

- *Sponsor:*
American Association for Artificial Intelligence
- *Contact:*
Conference Coordinator
American Association
for Artificial Intelligence
FSS-4
445 Burgess Drive
Suite 100
Menlo Park, CA 94025 USA
Voice: 650-328-3123
Fax: 650-321-4457
E-mail: www.aaai.org/
Organization/contact.html
URL: www.aaai.org/Conferences/Symposia/Fall/2004/fss-04.html

November 2004

NOVEMBER 17–19

AI-METH 2004. Gliwice, Poland

- *Paper Submission Deadline:*
June 30, 2004
- *Contact:*
Wojciech Moczulski
Silesian University of Technology at Gliwice
Fundamentals of Machinery Design
Konarskiego 18A,
Gliwice PL 44-100
Poland
Voice: 0048-32-237 10 28
Fax: 0048-32-237 13 60
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URL: www.ai-meth.polsl.gliwice.pl/



Smart Machines in Education

Edited by Kenneth D. Forbus and Paul J. Feltovich

This book looks at some of the results of the synergy among AI, cognitive science, and education. Examples include virtual students whose misconceptions force students to reflect on their own knowledge, intelligent tutoring systems, and speech recognition technology that helps students learn to read. Some of the systems described are already used in classrooms and have been evaluated; a few are still laboratory efforts. The book also addresses cultural and political issues involved in the deployment of new educational technologies.

The AAAI Press / The MIT Press

www.aaai.org/Press